

PATENT NUMBER

## U.S. UTILITY Patent Application

M.S.

**O.I.P.E.**

PATENT DATE

**SCANNED**

## Q.A.

APPLICATION NO. 09/912739	CONT/PRIOR	CLASS 257	SUBCLASS 712 <sup>+</sup>	ART UNIT <del>2812</del> 2814	EXAMINER CHAMBERS <del>B. CHAUDHURI</del>
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## APPLICANTS

Pei-Haw Tsao  
Jones Wang  
Ken Chen

### NOTE

Grooved heat spreader for stress reduction in IC package

PTO-2040  
12/99

## ISSUING CLASSIFICATION

ISSUING CLASSIFICATION												
ORIGINAL					CROSS REFERENCE(S)							
CLASS		SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
INTERNATIONAL CLASSIFICATION												

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<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner)           _____ (Date)			<b>NOTICE OF ALLOWANCE MAILED</b>	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date _____ _____	_____ (Primary Examiner)           _____ (Date)			<b>ISSUE FEE</b>	
				Amount Due	Date Paid
<input type="checkbox"/> The terminal ____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner)           _____ (Date)			<b>ISSUE BATCH NUMBER</b>	
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